NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IEG/EGD/CNKB/36-70
19 May 1970

MEMORANDUM FOR: Executive Director, NPIC

THROUGH   : Chief, Imagery Exploitation Group, NPIC
                Chief, Eastern Geographic Division, IEG/NPIC
                Chief, China, North Korea Branch, EGD/IEG/NPIC

SUBJECT   : PI-Computer Operation, 67th Reconnaissance
                Technical Squadron

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1. During the recent trip to the Order of Battle Conference [   ] had the opportunity to visit the 67th Reconnaissance Technical Squadron [   ] and which he was able to observe, first hand, their PI-computer operation.

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2. The operation consisted of several PI and editor stations linked into an IBM 360 computer. Each station consisted of one or more light tables (both 940 MCE and 940 split-light tables) and a computer console. The editor station consisted of several command computer consoles.

3. Probably the best way to explain the system is to follow a target through the entire operation. After the PI identifies a particular target, he types in a command into the console, whereupon a target presentation flashes on the console's viewing screen. The presentation consists of a history of the target, types of reports covering the target, and photo coverage of the target. The PI then types his readout directly into the console. The readout of the target, after command is given, is then flashed onto the editor's command console where he validates the target and if necessary makes editorial changes to the target. The editor then types in a command and the target information is fed directly into the computer data base for future exploitation. The entire operation, after the PI determines the limitations of his target, takes just several minutes to complete.

4. The advantages are obvious; it eliminates considerable amount of paperwork (Blip sheets, etc.), collateral support time, and reduces PI time in handling targets. In light of the upcoming system and its potential in covering vast numbers of targets, a system like this could prove to be extremely beneficial to the Center.

Declass Review by NGA

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5. <u>Recommendation</u>

Because of the 67th's invitation to NPIC to view their system and in light of NPIC's current involvement in IIS, I would recommend that the Center send two representatives to [   ] one with a strong technical background in IIS, and a fully qualified working level PI. In this way a full assessment of the potential of the system can be made from both a PI and a technical point of view. Remember, too, this system is in full operation and most of the problems have been eliminated. A list of people to contact at 67th is provided in the recent trip report on the Order of Battle Conference.

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Deputy Section Chief, North Korea Section
China, North Korea Branch,EGD
IEG/NPIC

Distribution:
    Orig - Addressee
        1 - NPIC/IEG
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FROM

P.S.G

5 JUN 1970

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR	2.	#6/5	
SPECIAL ASST	1.		
ASST TO DIR		MAC. 6/5	
HISTORIAN			
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DEP CH/PPBS			
EO/PPBS			
CH/IEG			
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DEP CH/PSG			
EO/PSG			
CH/TSSG			
DEP CH/TSSG			
EO/TSSG			
CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAD			

REMARKS:

THIS REPLIES TO
YOUR QUESTION
to [   ]
26 MAY

25X1

IP FM 30 (12-69) - OBSOLETE PREVIOUS EDITIONS

MEMORANDUM FOR: Execu___ve _ire_tor, NPIC

    We had a couple of people talk to _____ this week. While he had a passing knowledge of the IIS, he knew none of its functional characteristics. They have, on a smaller scale, a system quite similar in concept to the IIS, but apparently use a dedicated computer. While _____ may disagree, I see nothing to be gained by sending a couple of people to _____ for a look-see (unless, of course, I go!).

5 June 1970
(DATE)

FORM NO. 101 REPLACES FORM 10-101
1 AUG 54 WHICH MAY BE USED.
(47)

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CENTER ROUTING SLIP

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FROM			DATE
			26 May

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR			
SPECIAL ASST			
ASST TO DIR			
ASST TO DEP/DIR			
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
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CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAD			

Remarks:

Tom —
Does this fellow know about the IIS, and has one of your people talked to him to gain a comparison of the [redacted] set-up with the IIS?

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IP FM 30 (11-68) - OBSOLETE PREVIOUS EDITIONS

FROM			DATE
Approved For Release 2004/02/11 : CIA-RDP78B05703A000300010020-0			
Chief, Eastern Geographic Div			19 May 70

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR	6	*H* 5/26	
SPECIAL ASST	5	*M* 5/25	
ASST TO DIR			
ASST TO DEP/DIR			
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
C/CNKB	1		Pls send copy for
CH/IEG	4		C/PSG
DEP CH/IEG			C/PSG/DID
EO/IEG			& note on rtg.
DC/CNKB	2	*Reen*	
CH/PSG			
DEP CH/PSG			
EO/PSG			
CH/DBD/PSG			
C/EGD	3	20 May	
CH/TSSG			
DEP CH/TSSG			
EO/TSSG			
DIR/IAS/DDI			
CH/DIA/XX4			
CH/DIA/AP-1P			
CH/SPAD			